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| **COVERING BOTH GLE’S AND CCSS**  **(State correlation is not a perfect match-What makes them the same….what makes them different?)**  3.2.7 Develop formulas using measurement strategies and concrete models; and use formulas to determine the volumes of pyramids, cones and spheres.   |  |  | | --- | --- | | |  | | --- | |  |   **CC.8.G.9** Know the formulas for the volume of cones, cylinders and spheres and use them to solve real-world and mathematical problems. |   3.3.9 Use estimation and measurement strategies, including formulas, to solve surface area and volume problems in context.   |  | | --- | | **CC.8.G.9** Know the formulas for the volume of cones, cylinders and spheres and use them to solve real-world and mathematical problems. | |
| **COVERING BOTH GLE’S AND CCSS AND SCIENCE INTEGRATION** |
| **GLE’s but not CCSS**  3.2.6 Develop and use formulas to determine the surface areas of rectangular prisms, cylinders and pyramids.   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **CC.7.G.6** Solve real-world and mathematical problems involving area, volume and surface area of two- and three-dimensional objects composed of triangles, quadrilaterals, polygons, cubes, and right prisms.  3.2.7 Develop formulas using measurement strategies and concrete models; and use formulas to determine the volumes of pyramids, cones and spheres.   |  | | --- | | **CC.7.G.6** Solve real-world and mathematical problems involving area, volume and surface area of two- and three-dimensional objects composed of triangles, quadrilaterals, polygons, cubes, and right prisms. |   3.3.9 Use estimation and measurement strategies, including formulas, to solve surface area and volume problems in context.   |  |  |  | | --- | --- | --- | | **CC.5.MD.5b** Apply the formulas  *V =l*×*w*×*h* and *V = b*×*h* for rectangular prisms to find volumes of right rectangular prisms with whole-number edge lengths in the context of solving real-world and mathematical problems.   |  | | --- | | **CC.7.G.6** Solve real-world and mathematical problems involving area, volume and surface area of two- and three-dimensional objects composed of triangles, quadrilaterals, polygons, cubes, and right prisms. |  |  | | --- | | **CC.5.MD.5c** Recognize volume as additive. Find volumes of solid figures composed of two non-overlapping right rectangular prisms by adding the volumes of the non-overlapping parts, applying this technique to solve real world problems. | | |   3.3.8 Understand and describe in writing that measurement tools, measurements and estimates of measures are not precise and can affect the results of calculations. |
| **CCSS but not GLE’s** |